

WATCH HAIRSPRING AND  
METHOD FOR MAKING SAME

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## ABSTRACT

The invention relates mainly to a hairspring intended  
10 to equip the balance wheel of a mechanical timepiece.  
It is in the form of a spiraled rod (10) cut from an  
{001} single-crystal silicon plate. Its structure and  
its dimensions are calculated so as to minimize the  
thermal drift of the hairspring/balance-wheel assembly  
15 by means of the first and second thermal coefficients  
of its spring constant.

Figure 1